Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033654.D
Acq On : 7 Apr 2018 7:24
Operator : SJ/JU
Sample : J2226-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 09 01:59:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	36351	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	179344	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	142020	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334931	20.00	ng	0.00
75) Chrysene-d12	22.55	240	342161	20.00	ng	0.00
86) Perylene-d12	26.32	264	341120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	73790	38.06	ng	0.00
7) Phenol-d6	7.97	99	69869	20.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	340312	87.18	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	157327	74.07	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	901978	91.69	ng	0.00
78) Terphenyl-d14	20.73	244	1326054	82.88	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	5666	2.161	ng	# 61
19) n-Nitroso-di-n-propylamine	10.06	70	46506	19.054	ng	# 75
50) 2,6-Dinitrotoluene	15.47	165	17265	6.832	ng	# 18
53) 2,4-Dinitrophenol	15.40	184	54	7.680	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	17265	4.640	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	13114	3.334	ng	# 1
76) Benzidine	20.73	184	22551	2.430	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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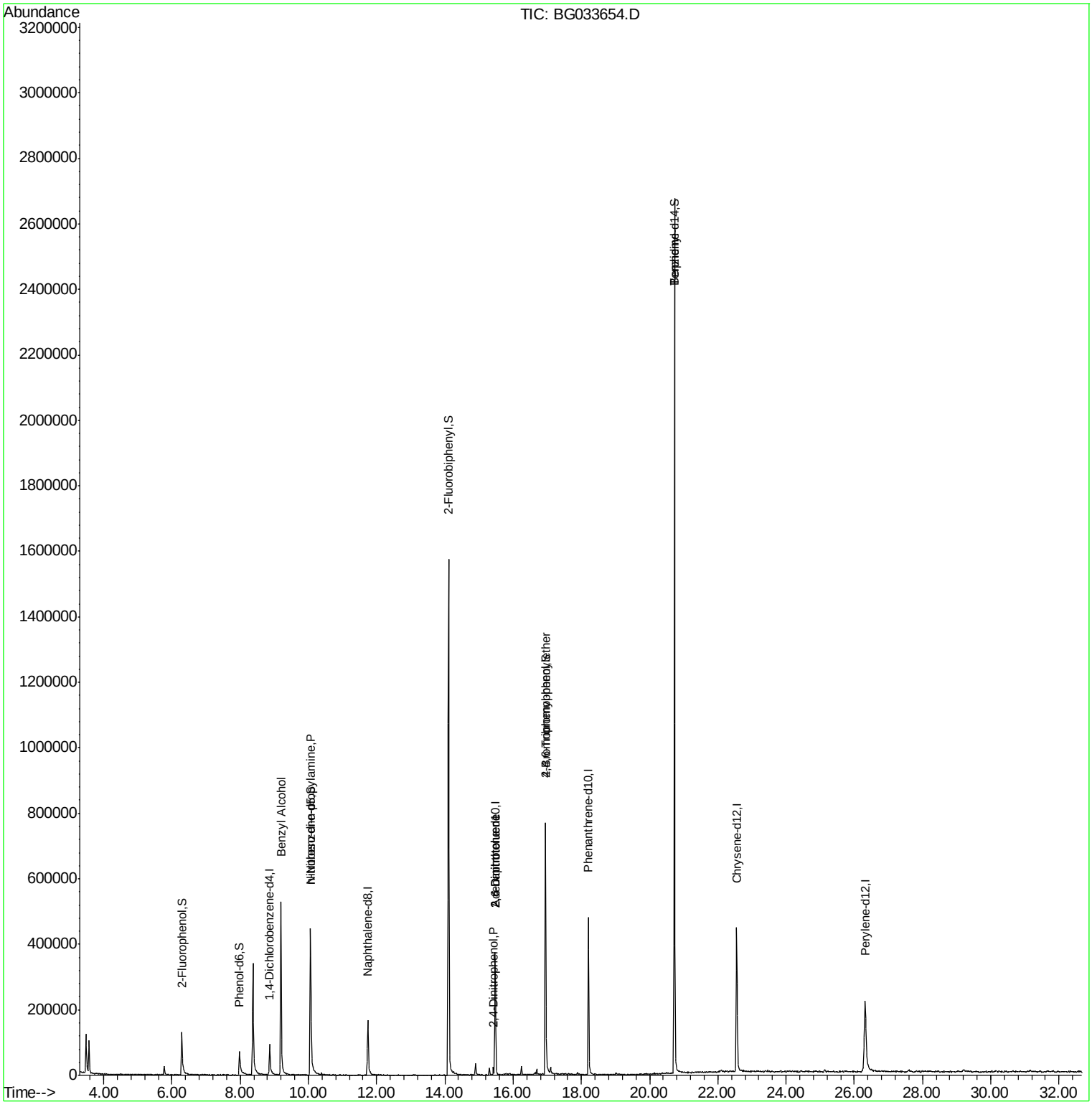
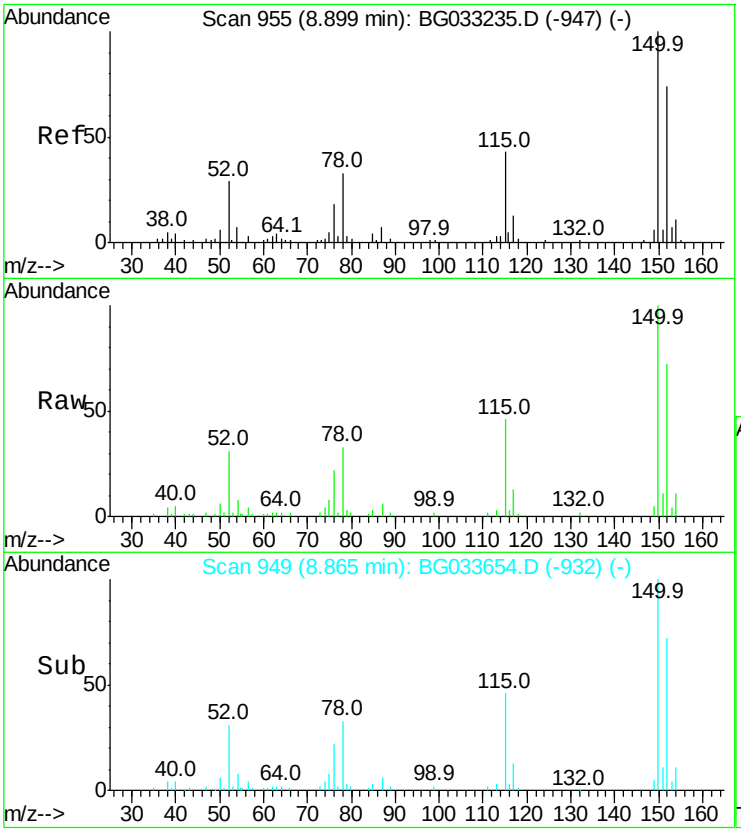


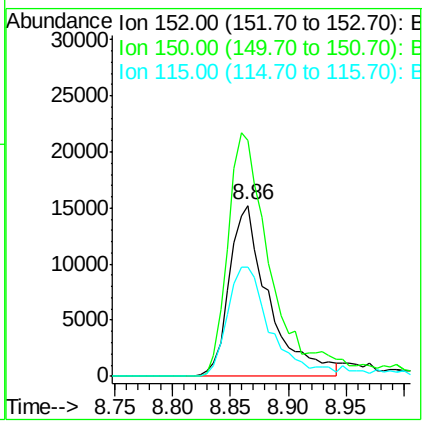


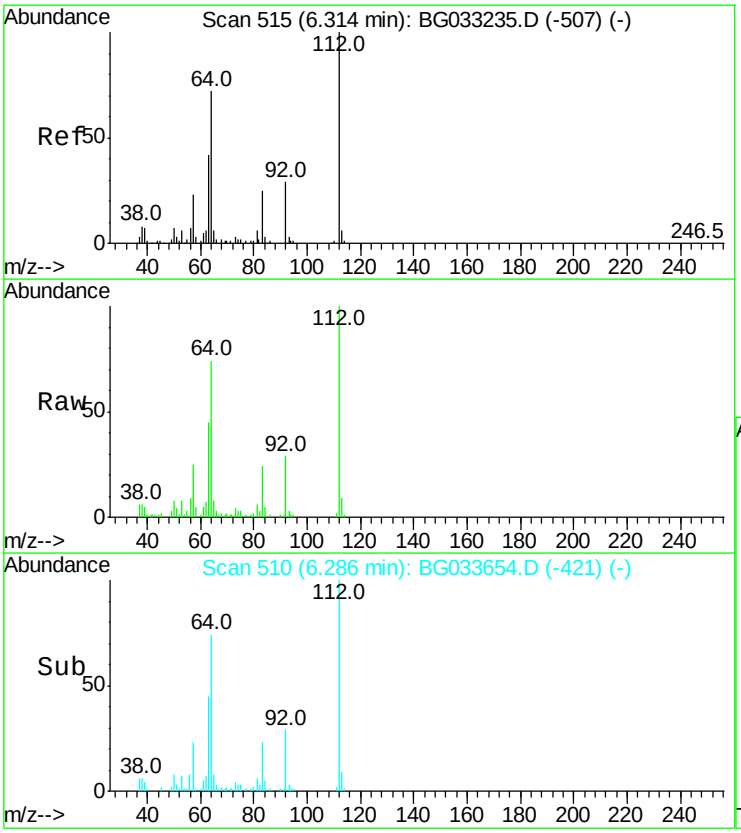
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36351

Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	64.1	53.0	79.4

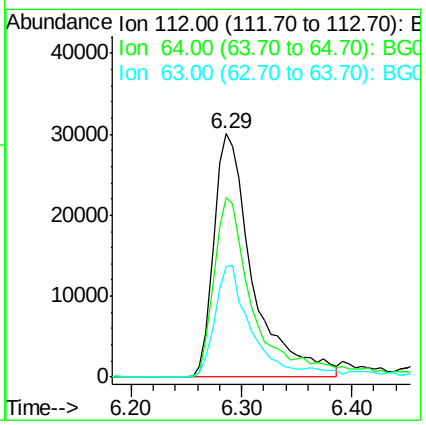


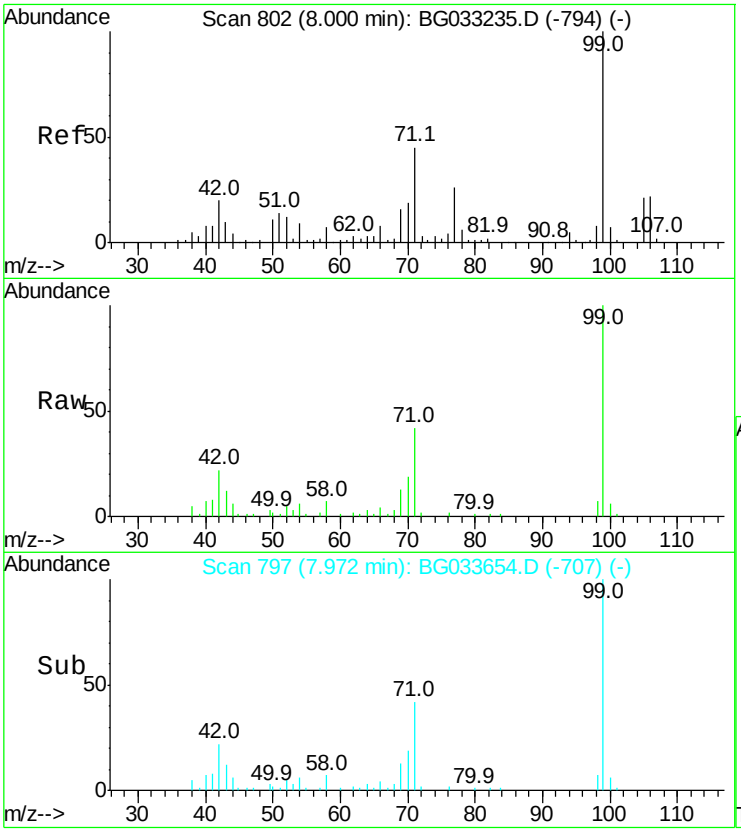


#5
2-Fluorophenol
Concen: 38.064 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:112 Resp: 73790

Ion	Ratio	Lower	Upper
112	100		
64	73.6	56.3	84.5
63	45.5	30.1	45.1#



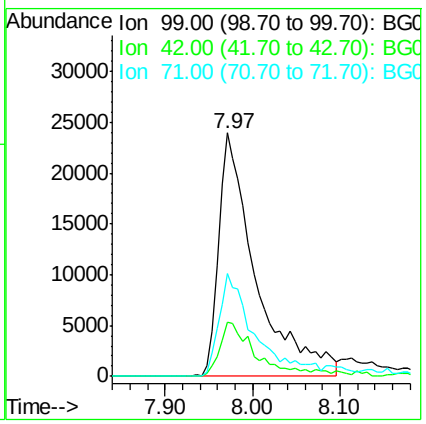


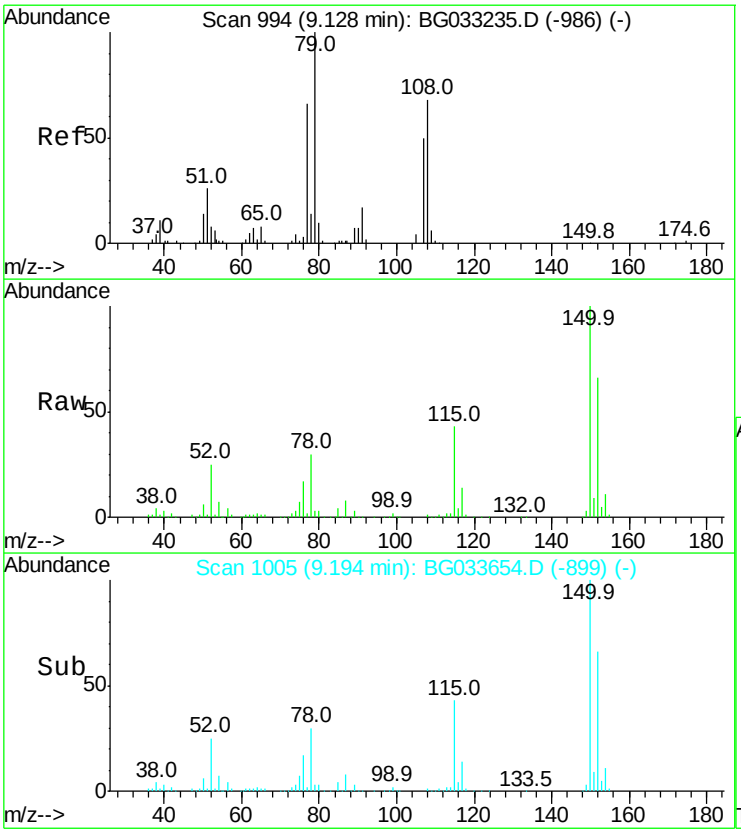
#7
Phenol-d6
Concen: 20.976 ng
RT: 7.97 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 69869

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.1	21.1#
71	42.0	26.1	39.1#

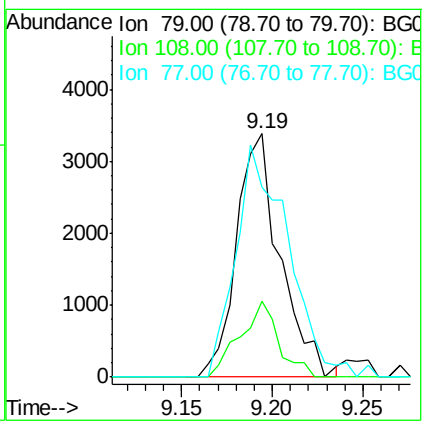


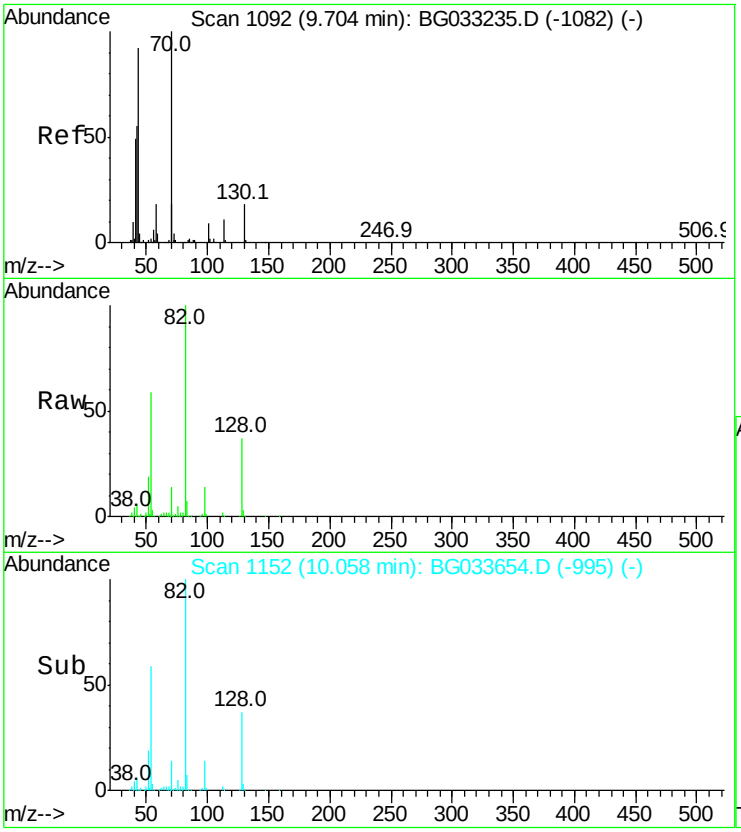


#15
Benzyl Alcohol
Concen: 2.161 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.10 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion: 79 Resp: 5666

Ion	Ratio	Lower	Upper
79	100		
108	31.2	57.2	85.8#
77	78.0	46.1	69.1#



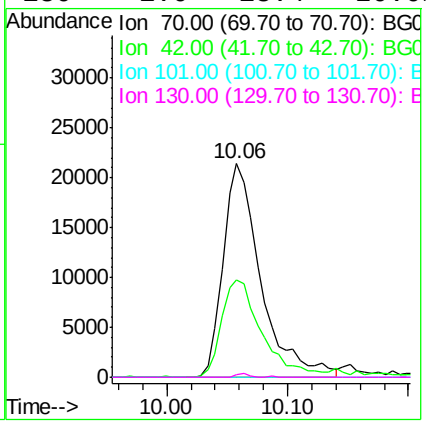


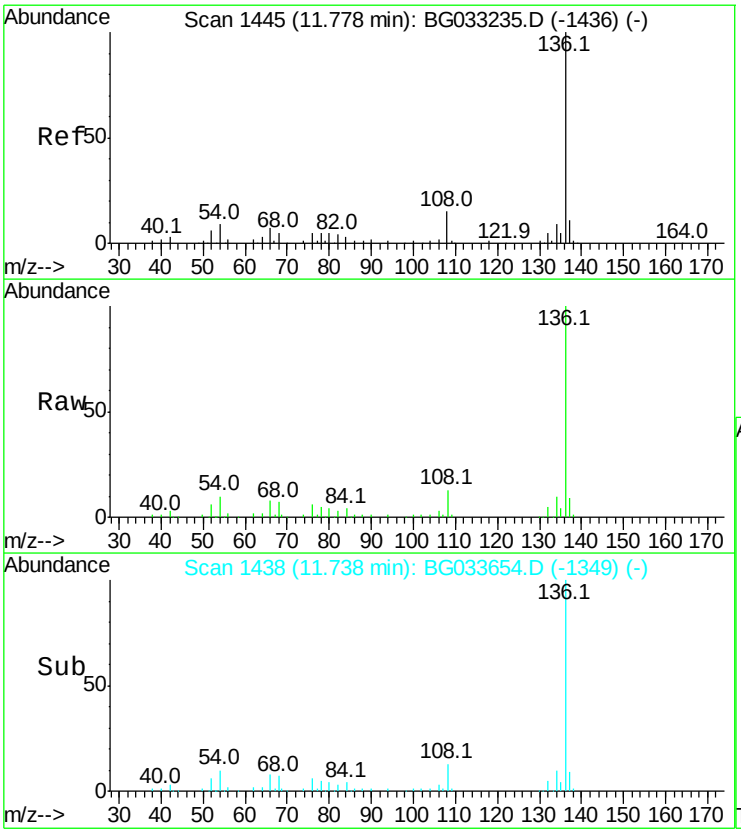
#19
n-Nitroso-di-n-propylamine
Concen: 19.054 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 46506

Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#

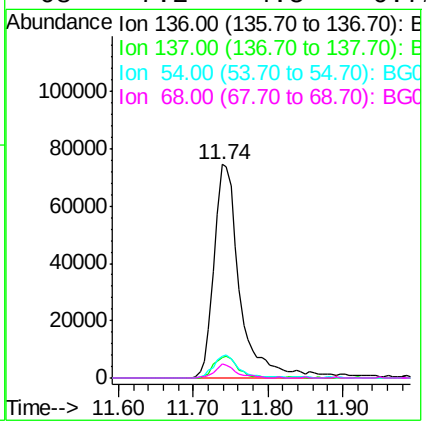


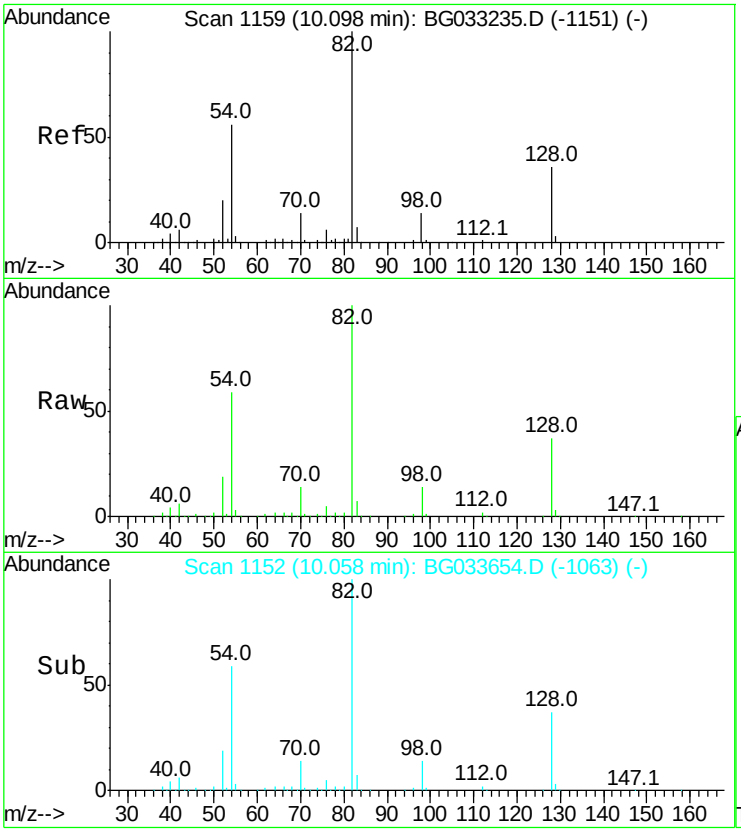


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:136 Resp: 179344

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	10.1	10.3	15.5#
68	7.2	4.5	6.7#



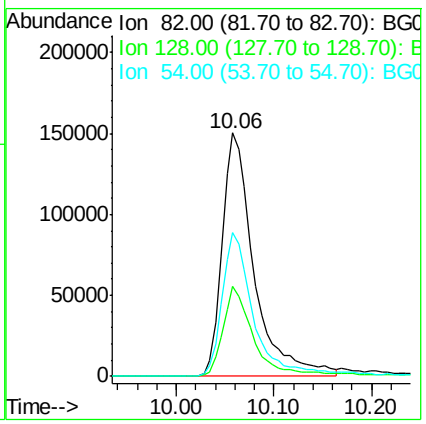


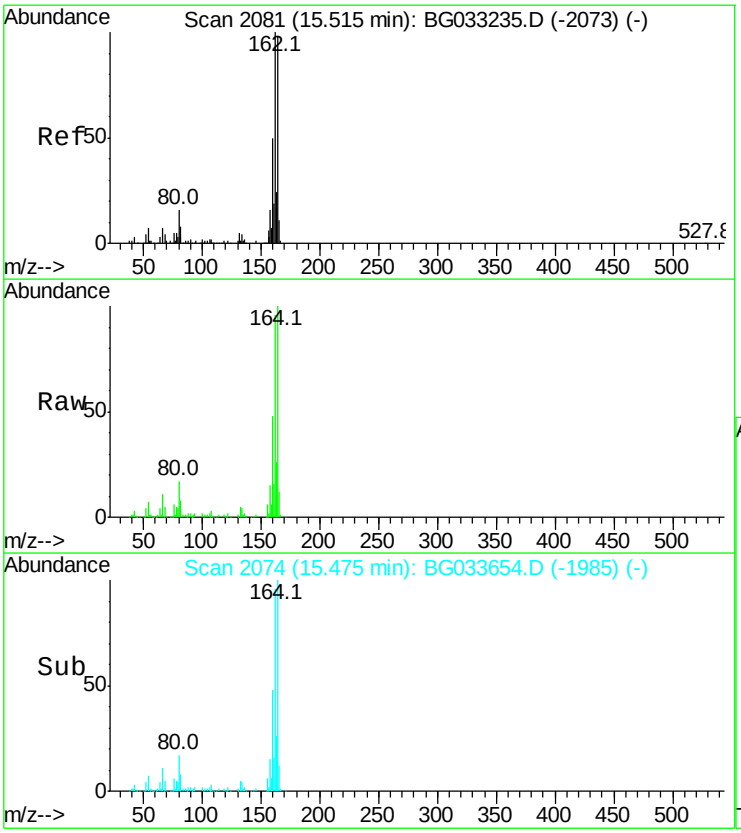
#23
Nitrobenzene-d5
Concen: 87.181 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 340312

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.7	44.5
54	59.0	43.1	64.7

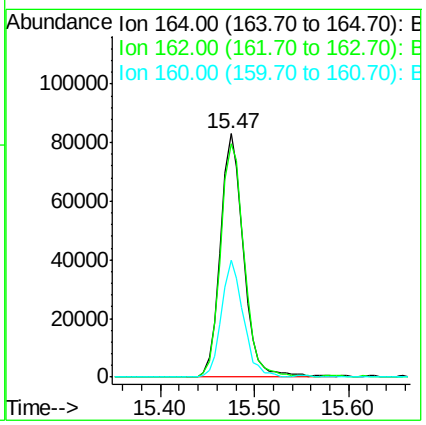


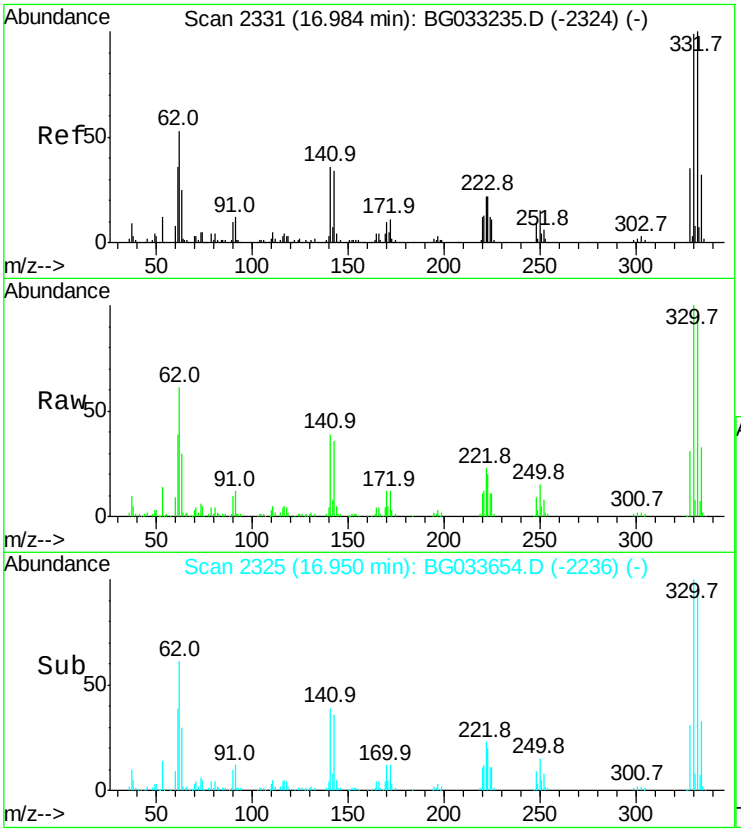


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:164 Resp: 142020

Ion	Ratio	Lower	Upper
164	100		
162	95.9	78.8	118.2
160	47.9	35.4	53.0



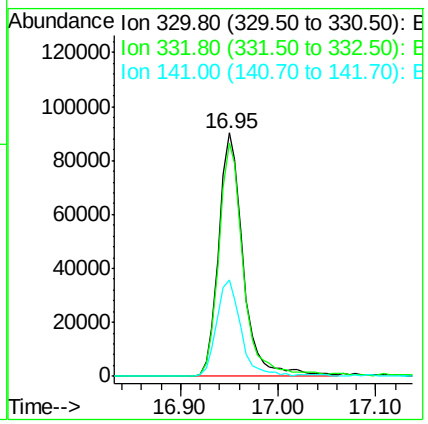


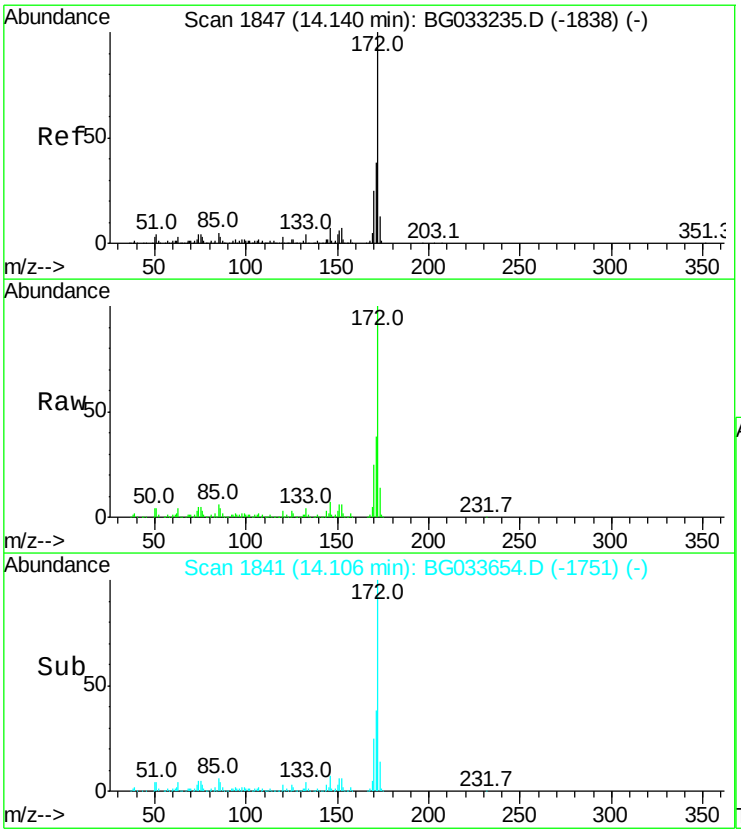
#41
2,4,6-Tribromophenol
Concen: 74.068 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 157327

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	39.4	25.2	37.8#

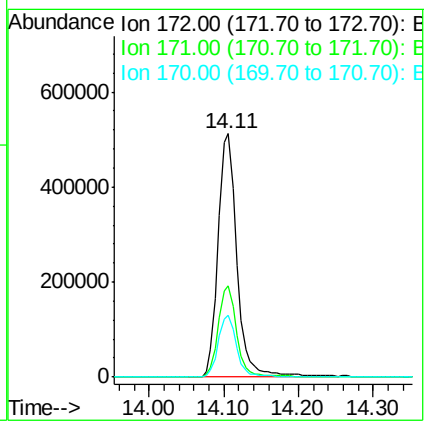


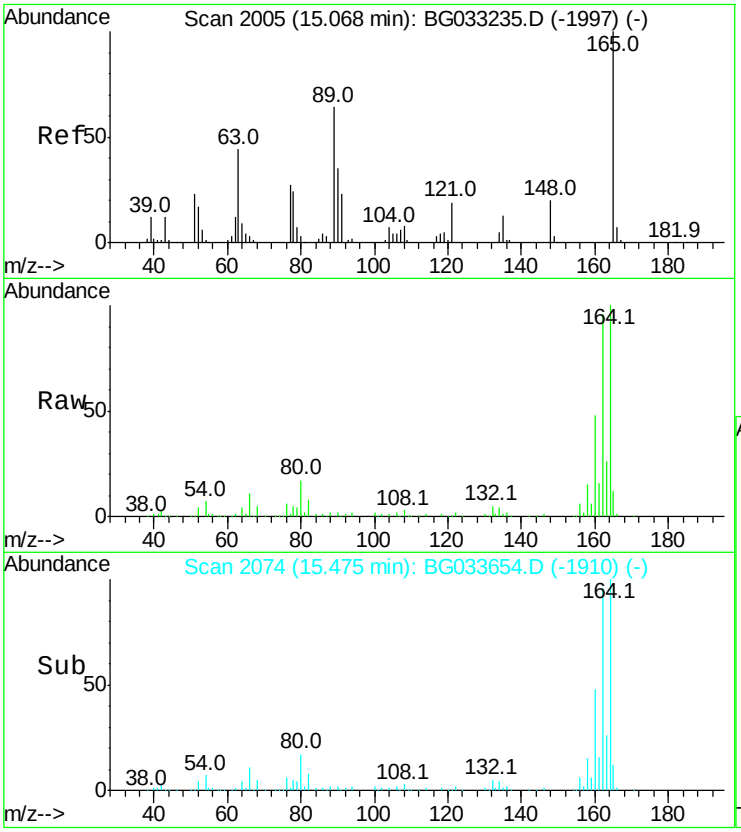


#44
2-Fluorobiphenyl
Concen: 91.686 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:172 Resp: 901978

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.2	19.5	29.3



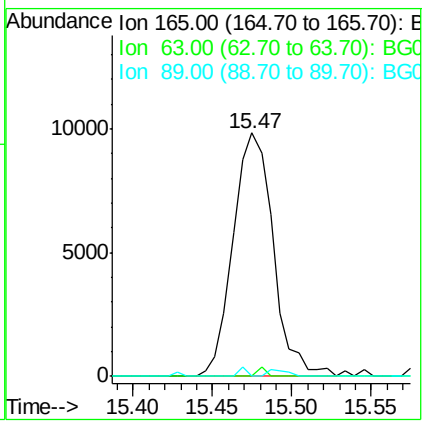


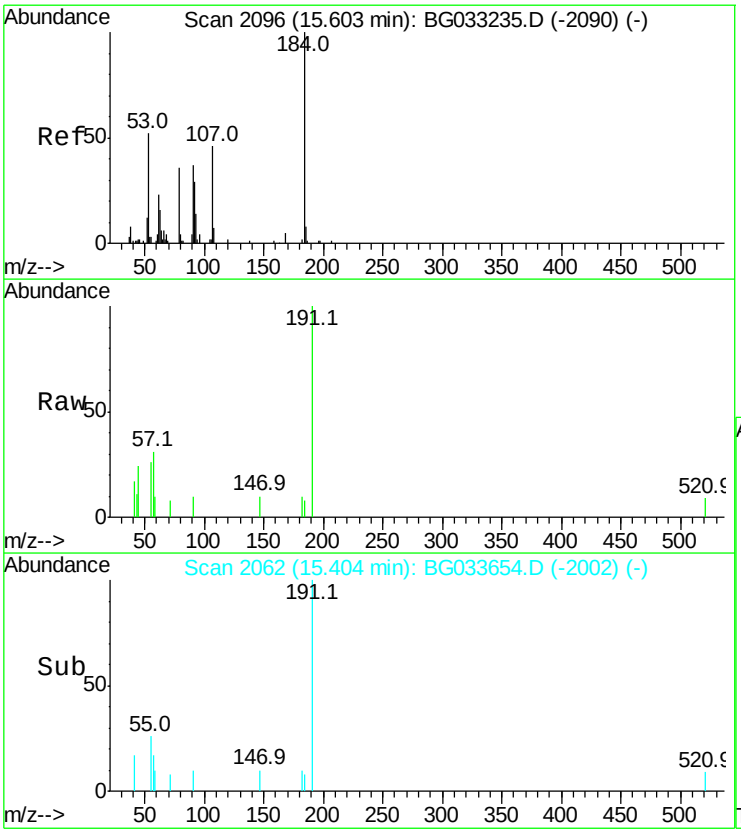
#50
2,6-Dinitrotoluene
Concen: 6.832 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17265

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

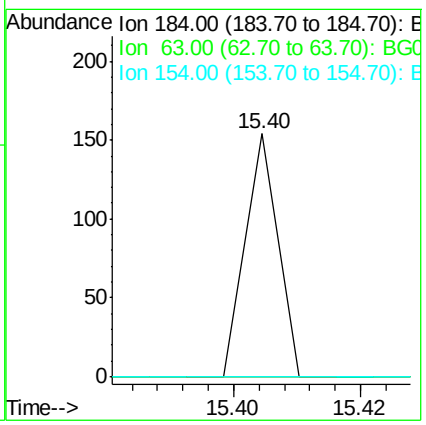


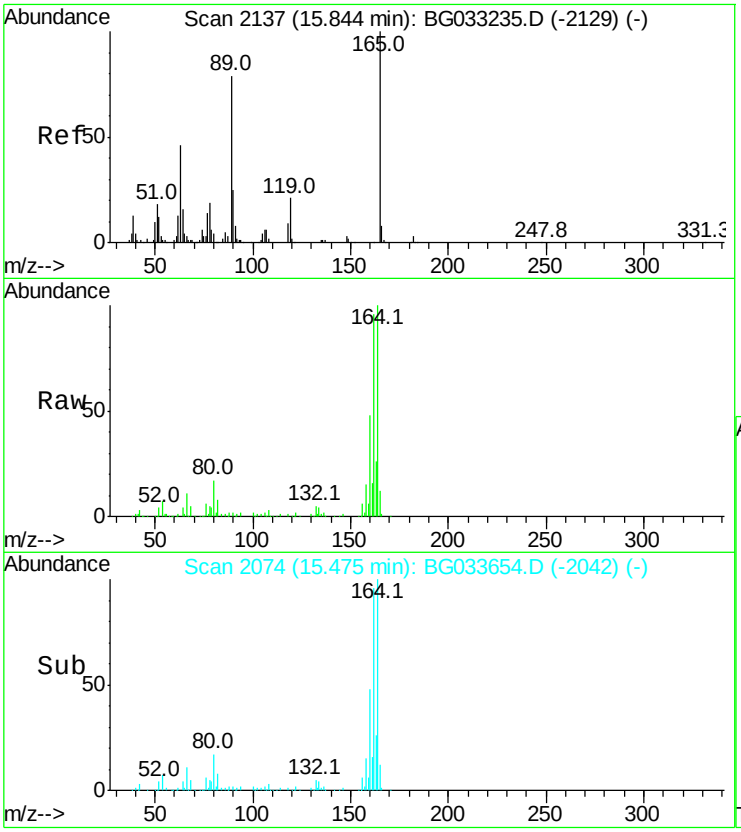


#53
2,4-Dinitrophenol
Concen: 7.680 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.17 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



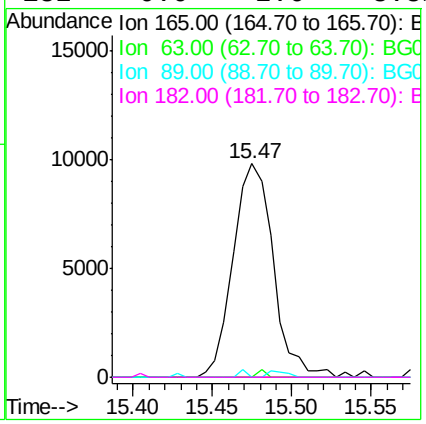


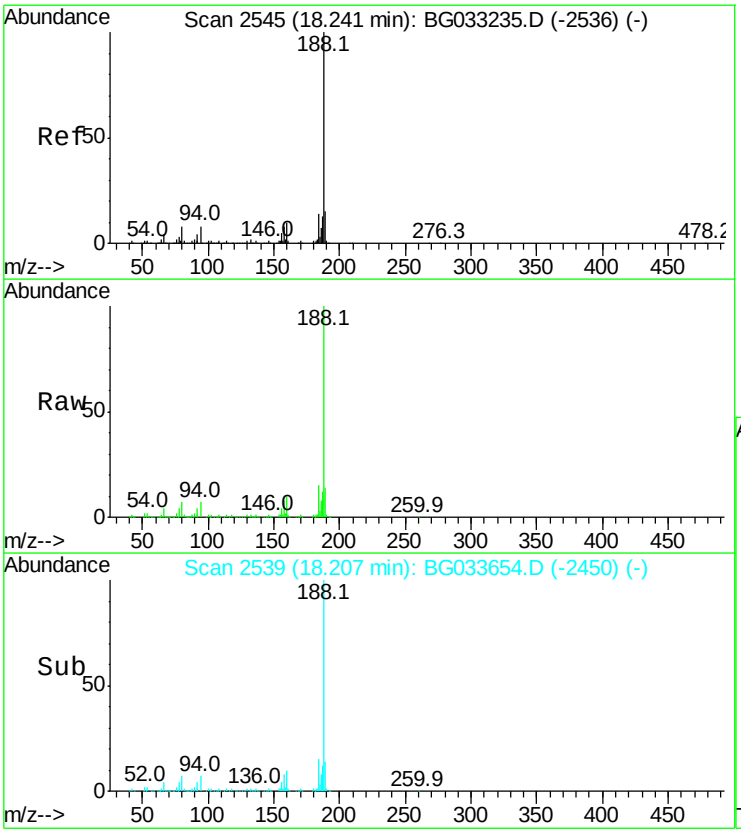
#56
2,4-Dinitrotoluene
Concen: 4.640 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17265

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

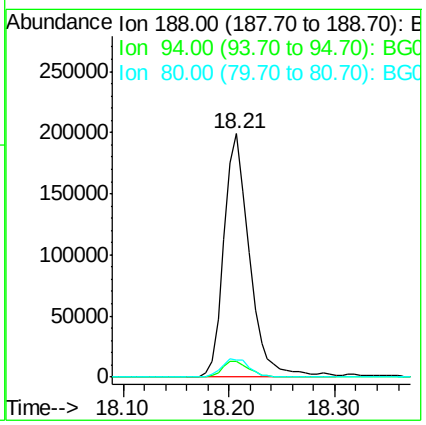


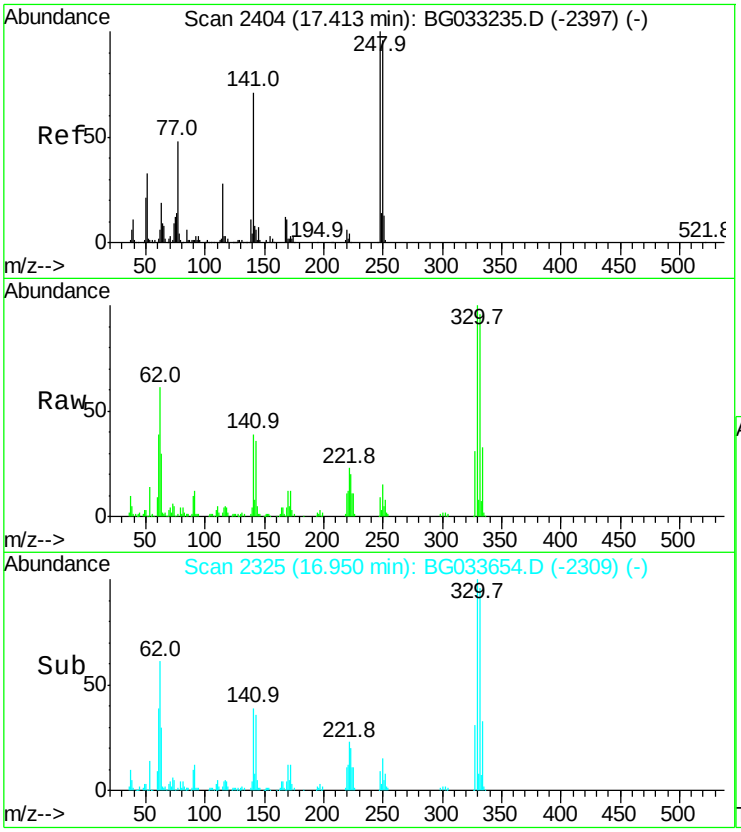


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:188 Resp: 334931

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.2	7.7	11.5#



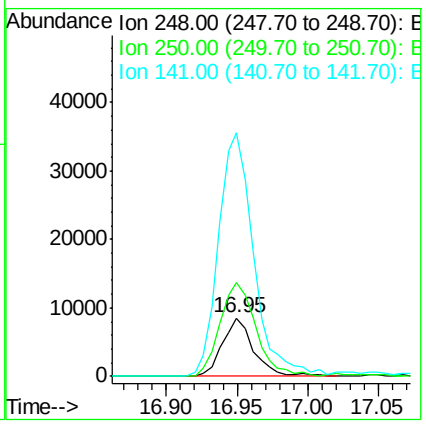


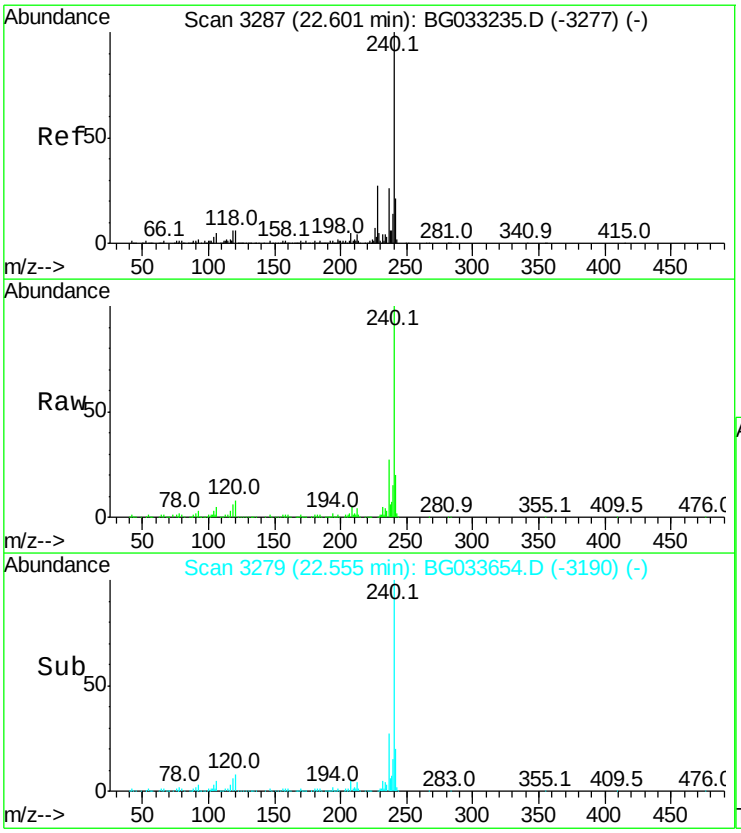
#66
4-Bromophenyl-phenylether
Concen: 3.334 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13114

Ion	Ratio	Lower	Upper
248	100		
250	160.0	77.1	115.7#
141	417.8	50.8	76.2#

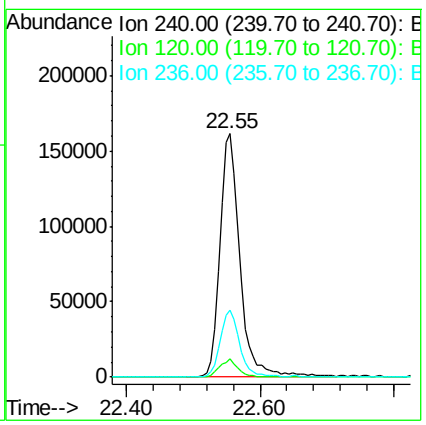


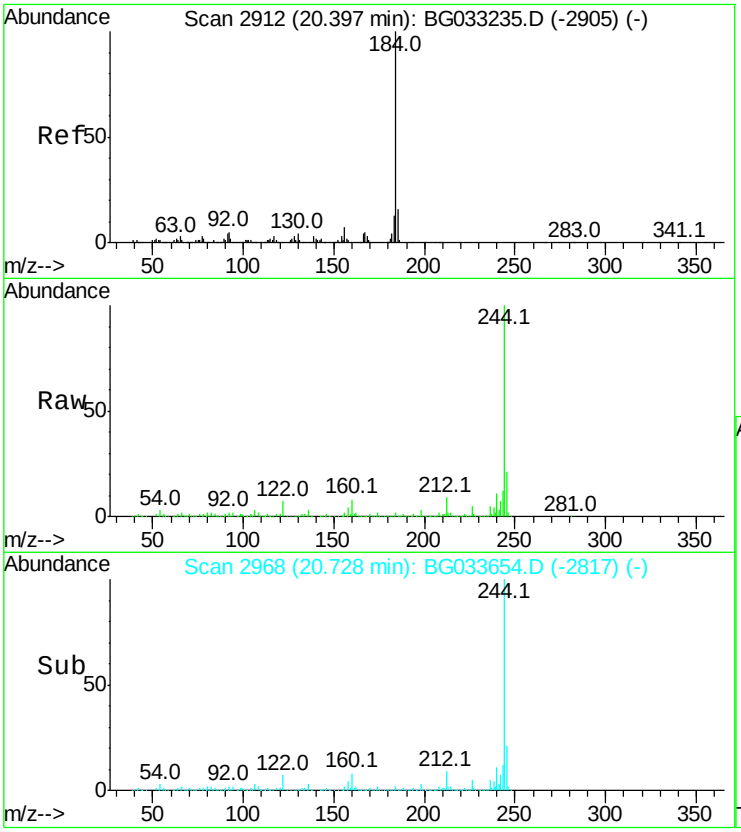


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:240 Resp: 342161

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	27.3	20.9	31.3



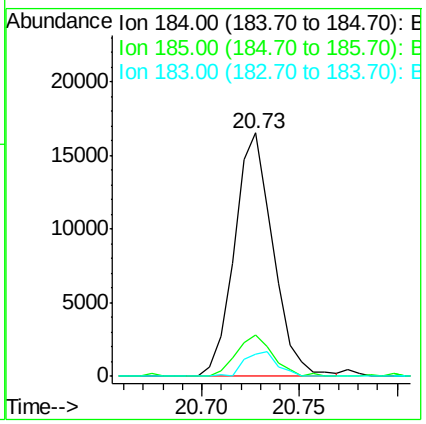


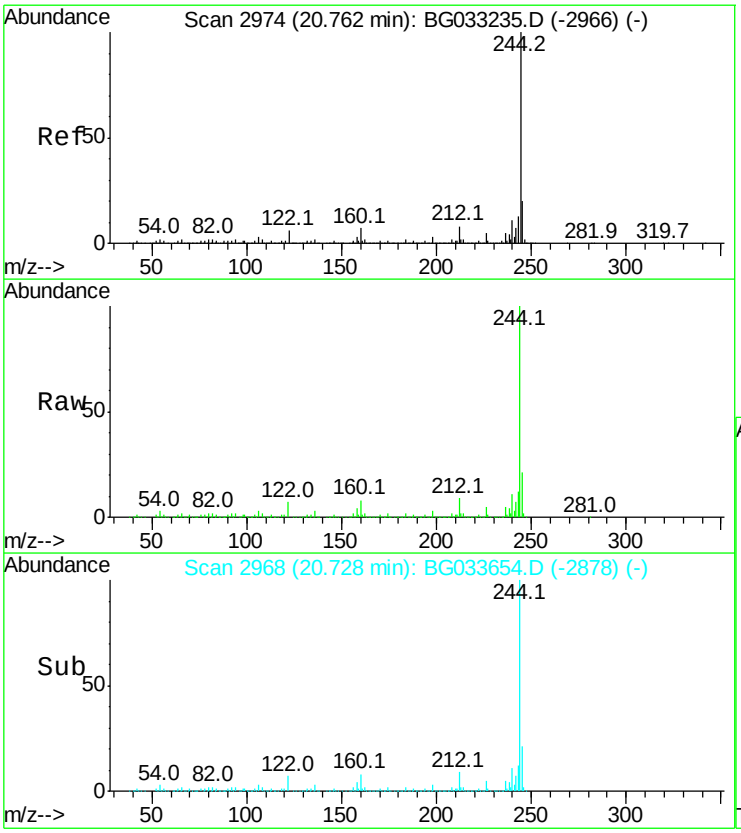
#76
Benzidine
Concen: 2.430 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 22551

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.1	16.7#
183	9.2	10.6	16.0#

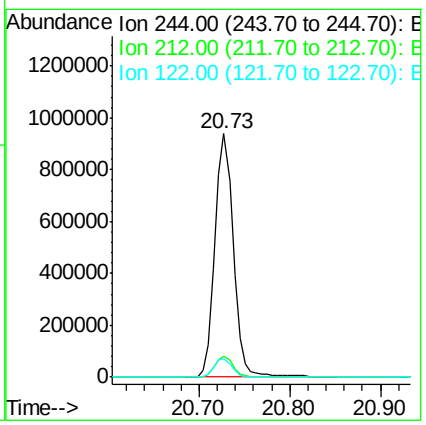


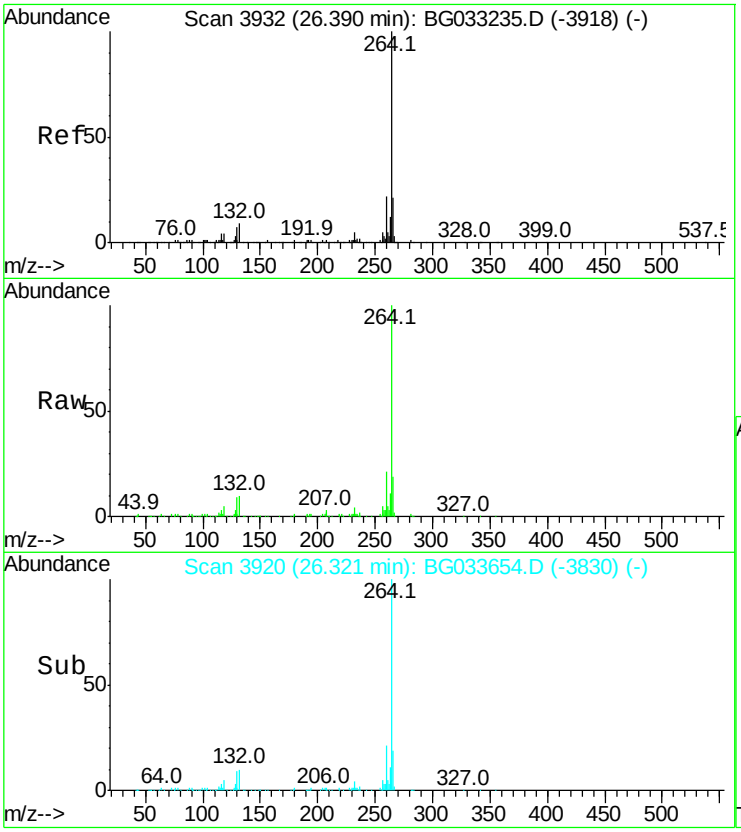


#78
Terphenyl-d14
Concen: 82.882 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:244 Resp: 1326054

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 341120

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	19.4	17.7	26.5